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C(10)

Patent Application  
NC 82,637

C. Que

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re : Chow et al  
Serial No.: 09/964,544 ✓  
Filed: Sept. 28, 2001 ✓  
Title: Nanosize Particle  
Coatings Made By  
Thermally Spraying  
Solution Precursor  
Feedstocks

Examiner: Jason Savage  
Group Art Unit: 1775 ✓

December 19, 2002

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**Second Amendment**

Commissioner of Patents and Trademarks  
Washington, D.C. 20231

Sir:

In response to the final rejection dated October 3, 2002, please  
amend the application as follows:

**In the specification:**

Please replace the paragraph beginning at p.11, line 13, with the  
following paragraph:

--Fig. 2 illustrates how the gradient can be finely controlled  
to change from one composition to another by using the solution  
precursors. The three component layer shown in Fig. 2 also illustrates  
how the three layers can be built up with good adherence between the  
layers due to the gradient transition between them. When coating A is  
alumina, it provides good adherence to the substrate. When coating B is

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